

AMENDMENTS TO CLAIMS

Listing of Claims:

(Claims 1, 2, 3, 4-13, 15-17, 19-25, 27-32 and 34 have been amended)

1. (Currently Amended) A computer-implemented method for effecting, via a computer network, substitution of at least one ordered item of at least one customer order, the method comprising:

receiving, via the computer network, at least one customer order, said the at least one customer order including more than one ordered item, with at least one ordered item relating to an ordered quantity larger than one of a particular item of inventory, wherein the at least one customer order includes more than one ordered item, and wherein each ordered item in the at least one customer order can have a quantity larger than one;

analyzing a selected portion of the received customer orders order taking into consideration at least another customer order to determine whether at least one item of inventory has been oversold, said analyzing being performed prior to the delivery of at least one ordered item of the received customer order and at least one ordered item of the at least another customer order, wherein at least one item in each of the received customer orders has not been delivered to the corresponding customer;

identifying an ordered items item in the received customer order relating to an identified oversold item, wherein each ordered item is associated with a respective customer order; and

substituting, based upon at least one predefined criterion predefined criteria, at least one substitute item for the identified ordered oversold item in the received at least one customer order of the respective customer orders.

2. (Previously presented) The method of claim 1 wherein said analyzing includes comparing analyzed order data to inventory data to determine whether at least one item of inventory has been oversold.

3. (Currently Amended) The method of claim 2 wherein said comparing occurs before fulfillment of said portion of the received customer order orders.

4. (Currently Amended) The method of claim 1 wherein said substituting includes selecting, using the at least one predefined criterion said predefined criteria, a desired ordered item items corresponding to the identified oversold item.

5. (Currently Amended) The method of claim 1 wherein the at least one predefined criterion predefined criteria includes instructions for minimizing a number of order substitutions to be performed for each customer order.

6. (Currently Amended) The method of claim 1 wherein the at least one predefined criterion predefined criteria includes instructions for selecting for substitution an ordered item over another ordered item based on the corresponding quantity levels of the ordered item and the another ordered item.

7. (Currently Amended) The method of claim 1 wherein the ordered oversold item substitution occurs at a time of fulfillment of said portion of the received customer order orders.

8. (Currently Amended) The method of claim 7 wherein said the ordered item substitution is performed at a time of fulfilling an order without intervention from a human operator.

9. (Currently Amended) The method of claim 1 wherein said the ordered item substitution is performed by an automated computer process.

10. (Currently Amended) The method of claim 1 wherein the at least one predefined criterion predefined criteria includes a sorted list of substitute products from which the substitute item is chosen.

11. (Currently Amended) The method claim 10 wherein the at least one predefined criterion ~~predefined criteria~~ includes a ratio rule ~~rules~~ for substituting the substitute item for the identified ordered ~~oversold~~ item.

12. (Currently Amended) The method of claim 1 further comprising sorting ~~comparing~~ the identified ordered item with at least another identified ordered item in another customer order related to the oversold item ~~items~~ based upon the quantity value associated with each of the identified ordered items.

13. (Currently Amended) The method of claim 1 further comprising sorting ~~comparing~~ the identified ordered item with at least another identified ordered item in another customer order related to the oversold item ~~items~~ based upon a number of related to substitution substitutions ~~which have~~ already been implemented in each customer order associated with the identified ordered item ~~items~~.

14. (Original) The method of claim 1 wherein said analyzing includes aggregating a selected portion of the received customer orders to determine whether at least one item of inventory has been oversold.

15. (Currently Amended) A computer program product for effecting, via a computer network, substitution of at least one ordered item of at least one customer order, the computer program product comprising:

a computer usable medium having computer readable code embodied therein, the computer readable code comprising:

computer code for receiving, via the computer network, at least one customer order, the at least one customer order including more than one ordered item, ~~with~~ at least one ordered item relating to an ordered quantity larger than one of a particular item of inventory, ~~wherein the at least one customer order includes more than one ordered item, and wherein each ordered item in the at least one customer order can have a quantity larger than one;~~

computer code for analyzing at least a portion of the received customer ~~orders order taking into consideration at least another customer order to determine whether at least one item of inventory has been oversold, said analyzing being performed prior to the delivery of at least one ordered item of the received customer order and at least one ordered item of the at least another customer order, wherein at least one item in each of the received customer orders has not been delivered to the corresponding customer;~~

computer code for identifying ~~an ordered item in the received customer order items relating to an identified oversold item, wherein each ordered item is associated with a respective customer order;~~ and

computer code for substituting, based upon ~~at least one predefined criterion predefined criteria~~, at least one substitute item for the identified ~~ordered oversold item in the received at least one customer order of the respective customer orders.~~

16. (Currently Amended) The computer program product of claim 15 wherein the ~~at least one predefined criterion predefined criteria~~ includes instructions for minimizing a number of order substitutions performed for each customer order.

17. (Currently Amended) The computer program product of claim 15 wherein the ~~at least one predefined criterion predefined criteria~~ includes instructions for selecting for substitution an ordered item over another ordered item based on the corresponding quantity levels of the ordered item and the another ordered item.

18. (Original) The computer program product of claim 15 wherein said ordered item substitution is performed by an automated computer process.

19. (Currently Amended) The computer program product of claim 15 wherein said computer code for substituting includes:

computer code for ~~consulting accessing the at least one predefined criterion predefined criteria~~ to determine a first preferred substitution item for the identified ~~oversold item; and~~

computer code for determining whether a sufficient quantity of the first preferred substitution item is available to be substituted for the identified ~~oversold~~ item.

20. (Currently Amended) The computer program product of claim 19 further comprising computer code for ~~consulting~~ accessing the at least one predefined criterion ~~predefined criteria~~ to determine a second preferred substitution item for the identified ~~oversold~~ item in response to a determination that there is an insufficient quantity of the first preferred substitution item available to be substituted for the identified ~~oversold~~ item.

21. (Currently Amended) The computer program product of claim 15 wherein said computer code for substituting includes computer code for partially substituting an ordered item for the identified ~~oversold~~ item, said partial substitution code including:
computer code for reducing a quantity of the ordered item; and
computer code for adding a specified quantity of a new item in the respective customer order ~~for a specified quantity of the second item~~.

22. (Currently Amended) The computer program product of claim 15 wherein said computer code for substituting includes computer code for fully substituting an ordered item for the identified ~~oversold~~ item, said full substitution including:
computer code for reducing a quantity of the ordered item to zero; and
computer code for adding a specified quantity of a new item in the respective customer order ~~for a specified quantity of the second item~~.

23. (Currently Amended) A system for effecting, via a computer network, substitution of at least one ordered item of at least one customer order, the system comprising:
at least one central processing unit;
at least one interface configured or designed to receive at least one customer order via the computer network, the at least one customer order including more than one ordered item, with at least one ordered item relating to an ordered quantity larger than

one of a particular item of inventory, ~~wherein the at least one customer order includes more than one ordered item, and wherein each ordered item in the at least one customer order can have a quantity larger than one;~~ and

memory;

wherein the processing unit is configured or designed to store in the memory customer order information and at least one predefined criterion predefined criteria relating to at least one item substitution rule rules;

said system being configured or designed to analyze at least a portion of the received customer orders order taking into consideration at least another customer order to determine whether at least one item of inventory has been oversold, said analyzing being performed prior to the delivery of at least one ordered item of the received customer order and at least one ordered item of the at least another customer order, wherein at least one item in each of the received customer orders has not been delivered to the corresponding customer;

said system being further configured or designed to identify an ordered-items item in the received customer order relating to an identified oversold item, ~~wherein each ordered item is associated with a respective customer order~~; and

said system being further configured or designed to substitute, based upon said at least one predefined criterion predefined criteria, at least one substitute item for the identified ordered oversold item in the received at least one customer order of the respective customer orders.

24. (Currently Amended) The system of claim 23 wherein the at least one predefined criterion predefined criteria includes instructions for minimizing a number of order substitutions performed for each customer order.

25. (Currently Amended) The system of claim 23 wherein the at least one predefined criterion predefined criteria includes instructions for selecting for substitution an ordered item over another ordered item based on the corresponding quantity levels of the ordered item and the another ordered item.

26. (Original) The system of claim 23 wherein said ordered item substitution is performed by an automated computer process.

27. (Currently Amended) The system of claim 23 wherein the system is further configured or designed to sort compare the identified ordered item with at least another identified ordered item in another customer order related to the oversold item items based upon the quantity value associated with each of the identified ordered items.

28. (Currently Amended) The system of claim 23 wherein the system is further configured or designed to sort compare the identified ordered item with at least another identified ordered item in another customer order related to the oversold item items based upon a number related to substitution of substitutions which has already been implemented in each customer order associated with the identified item items.

29. (Currently amended) A computer-implemented method for effecting, via a computer network, substitution of at least one ordered item of at least one customer order, the method comprising:

receiving, via the computer network, at least one customer order, the at least one customer order including more than one ordered item, with at least one ordered item relating to an ordered quantity larger than one of a particular item of inventory, wherein the at least one customer order includes more than one ordered item, and wherein each ordered item in the at least one customer order can have a quantity larger than one;

analyzing at least a portion of the received customer orders order with at least another customer order to determine whether at least one item of inventory has been oversold, said analyzing being performed prior to the delivery of at least one ordered item of the received customer order and at least one ordered item of the at least another customer order, wherein at least one item in each of the received customer orders has not been delivered to the corresponding customer;

identifying an ordered items item in the received customer order relating to an identified oversold item, wherein each ordered item is associated with a respective customer order; and

substituting, based upon at least one predefined criterion predefined criteria, at least one substitute item for the identified ordered oversold item in the received at least one customer order of the respective customer orders;

wherein said substituting includes:

consulting accessing said at least one predefined criterion predefined criteria to determine a first preferred substitution item for the identified oversold item; and

determining whether a sufficient quantity of the first preferred substitution item is available to be substituted for the identified oversold item.

30. (Currently Amended) The method of claim 29 further comprising consulting accessing said at least one predefined criterion predefined criteria to determine a second preferred substitution item for the identified oversold item in response to a determination that there is an insufficient quantity of the first preferred substitution item available to be substituted for the identified oversold item.

31. (Currently Amended) The method of claim 29 wherein said substituting includes partially substituting an ordered item for the identified oversold item, said partial substitution including:

reducing a quantity of the ordered item; and

adding a specified quantity of a new line item in the respective customer order for a specified quantity of the substitute item.

32. (Currently Amended) The method of claim 29 wherein said substituting includes fully substituting an ordered item for the identified oversold item, said full substitution including:

reducing a quantity of the ordered item to zero; and

adding a specified quantity of a new line item in the respective customer order for a specified quantity of the substitute item.

33. (Cancelled)

34. (Currently Amended) A computer-implemented method for effecting, via a computer network, substitution of at least one ordered item of at least one customer order, the method comprising:

receiving, via the computer network, a plurality of customer orders, with at least one customer order, said at least one customer order including more than one ordered item, with at least one ordered item, each ordered item including having an ordered quantity larger than one for a particular item of merchandise;

aggregating a selected portion of the plurality of customer orders, wherein the aggregated customer orders include a plurality of ordered items;

analyzing the plurality of ordered items, which include the at least one ordered item, to determine whether at least one item of merchandise has been oversold;

modifying at least a portion of the received customer orders by substituting alternate merchandise for ordered merchandise which has been identified as being oversold, where the substitution of merchandise items is implemented using at least one predefined criterion predefined criteria; and

fulfilling the modified customer orders.

35. (Original) The method of claim 34 wherein said substitution is performed automatically, without intervention by a human.

36. (Withdrawn).